

102483 00221550

FIGURE 3

Name of ASO	1	2	3	4	5	6	7	8	9
Motif containing	-	-	0796	2755	1906	2350	3004	3208	3466
LPS stimulation	-	-	No	Yes	Yes	Yes	Yes	Yes	Yes
TNF- α inhibition	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	-	-	48%	92%	80%	18%	77%	8%	No

TNF- α mRNA



18S rRNA



1 gaattccggg tgatttcaact cccggctgtc caggcttgtc ctgtacccc accagcctt
61 tctgaggcc tcaagcctgc caccaagccc ccagctcctt ctccccgag gacccaaca
121 caggcctcag gactcaacac agcttttccc tcaaacccgt tttctctccc tcaacggact
181 cagctttctg aagccctcc cagttctagt tctatctttt tcctgcatcc tgtctggaag
241 ttagaaggaa acagaccaca gacctggtcc ccaaaagaaa tggaggcaat aggtttttgag
301 gggcatgGGG Acggggttca gctccaggg tcctacacac aatcagtca gtggcccaga
361 agacccccc cggaaatcggg gcaGGAGga tgGGAGtgt gaggggtatc cttgatgctt
421 gtgtgtcccc aactttocaa atccccccc ccgcatgga gaagaaaccg agacagaagg
481 tgcaggggccc actaccgctt cctccagatg agctcatggg tttctccacc aaggaaagt
541 tccgctgggtt gaatgattct ttccccgccc tcctctcggc ccaGGGACat ataaaggcag
601 ttgttgccac accagccag cagacgctcc ctcaagcagg acagcctaag accagctaag
661 aGGGAgagaa gcaactacag accccccctg aaacaacccc tcagacgcca catccccga
721 caagctgcca ggcaggttct ctctcttca catactgacc cagggttca cctctctcc
781 cctggaagg acaccatgag cactgaaagc atgatccGGG Acgtggagct ggcgaggag
841 gcgctcccc aagaacagg ggggccccag ggctccaggc ggtgcttgtt cctcagcctc
901 ttctcttcc tgatcgtggc aggcgccacc acgctcttct gcctgctgca ctttggagt
961 atcggcccc agaGGAaga ggtgagtgcc tggccagcct tcatccactc tcccacccaa
1021 gGGGAaatga gagacgcaa ggaGGAGag agatGGGAtg ggtgaaagat gtgcgctgat
1081 aGGGAGGGAt gagagagaaa gaaagacgGG Gatgcagaaa gagatgtggc
1141 aagagatgGG GAagagagag agagaaagat ggagagacag gatgtctggc acatggaagg
1201 tgctcactaa gtgtgtatgg agtgaatgaa tgaatgaatg aatgaacaaag cagatatata
1261 aataagatat ggagacagat gtggggtgtg agaagagaga tggGGGAaga aacaagtgat
1321 atgaataaag atggtgagac agaaaagagcG GGAaatatga cagctaaagg gagagatggg
1381 ggagataaag agagaagaag atagggtgtc tggcacacag aagacactca GGAaagagc
1441 tgttgaatgc tggaaagtga atacacagat gaatggagag agaaaaccag acacctcagg
1501 gctaagagcg caggccagac aggcagccag ctgttctctc ttaagggtg actccctcga
1561 tgttaaccat tctccttctc cccaGGGAC cctctctctaa tcagccctct

Fig. 4A

1621 ggcccaggca gtcagtaagt gtctccaaac ctctttccta attctgggtt tgggttttggg
1681 ggtagggtta gtaccggtat ggaagcagtg gGGAaattt aaagttttgg tcttggGGA
1741 ggatggatgg aggtgaaagt aggggggtat ttcttaggaa gtttaagggt ctcagctttt
1801 tcttttctct ctctcttca taagagctct ggcagaaactt ctggaactt ctcgaacccc cctgtagccc
1861 atgttgtagg ttgaagcccg gctgatggtg agcacaaggcc agagacaatg ggaggggctag gatattGGA
1921 caaGGAagg gtggaggaa GGAAtgacaga gtagtGGAT ttagtGGAT actcagaacg tcatggccag
2041 gtGGGAtgtG tgtggagagt gaaccgacat cagagaggac aggaaccgga tgtggggtgg gcagagctcg
2101 agggccaggga tctccctccag caaacctca agctgagggtt ggcacactg actctctctt cctctctctc
2161 cccctccag ccaatggcgt ggagctgaga ggtcctctc cagctccagt gctgaaaccg ccggggccaat
2221 gccctcctgg ctgtacctca tctactcca acaccatcag ccagaGGGAg Aggggtcttc tctcgacttt
2281 ctgtacctca acaccatcag agagcccctg tctatctGGG tctcgacttt aacatccaa cctctctctg
2341 ctccatcccc tctgoccatc tatgagccca ggggtgaga ggcaggtctg gctccaaac cctctctctg
2401 tctgoccatc tatgagccca ggggtgaga ggcaggtctg ggcaggtctg ggcaggtctg ggcaggtctg
2461 tatgagccca ggggtgaga ggcaggtctg ggcaggtctg ggcaggtctg ggcaggtctg ggcaggtctg
2521 gagatcaatc attgcccctgt tttattaccc ctttaggggtcg gattcaggaa tgcctccaga
2581 attgcccctgt tttattaccc ctttaggggtcg gattcaggaa tgcctccaga tgcctccaga tgcctccaga
2641 tttattaccc ctttaggggtcg gattcaggaa tgcctccaga tgcctccaga tgcctccaga tgcctccaga
2701 ctttaggggtcg gattcaggaa tgcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga
2761 gattcaggaa tgcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga
2821 ggcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga tgcctccaga
2881 aGGAaggcctt gacacaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg
2941 gacacaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg
3001 gagcccagcc ctcccctatg gacccaagtg gacccaagtg gacccaagtg gacccaagtg gacccaagtg
3061 attatttatt tattatttatt tattatttatt tattatttatt tattatttatt tattatttatt tattatttatt
3121 tcttggGGA cccaatgtag gagctgcctt ggctcagaca atgaatgtat gttttccgt gacccgggta
3181 ctgaacaata ggctgttccc atgtagcccc ctggcctctg tgccctcttt tgattatggt

Fig. 4B

3241 ttttaaaata tttatctgat taagttgtct aaacaatgct gatttggtga ccaactgtca
3301 ctcatgtctg agcctctgct cccagGGGA gttgtgtctg taatcgccct actattcagt
3361 ggcgagaaat aaagtttgct tagaaaagaa acatggtctc cttcttgga ttaattctgc
3421 atctgcctct tcttggtggt GGAagaagc tccctaagtc ctctctccac aggcctttaag
3481 atccctcgga ccagtcctca tccttagact cctagggcc ctagagaccct acataaaacaa
3541 agcccaacag aatattcccc atccccagg aaacaagagc ctgaaccctaa ttacctctcc
3601 ctcagggcat GGGAatttcc aactctGGGA attc

Fig. 4C

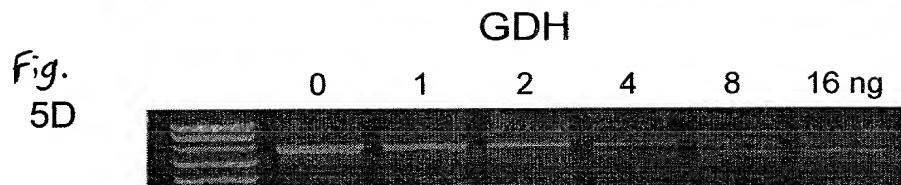
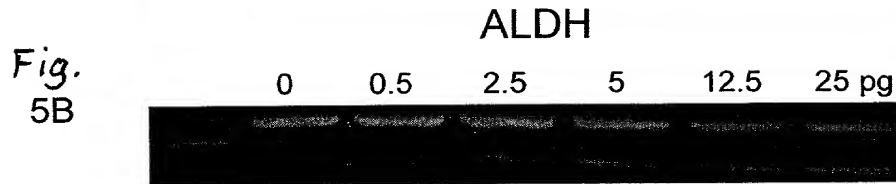
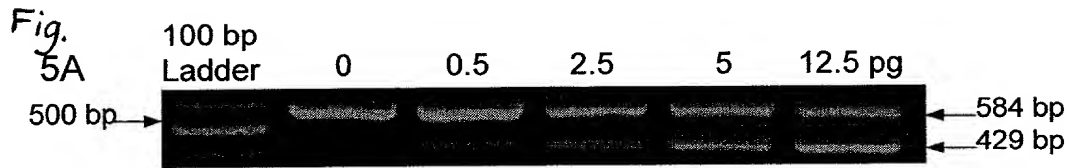
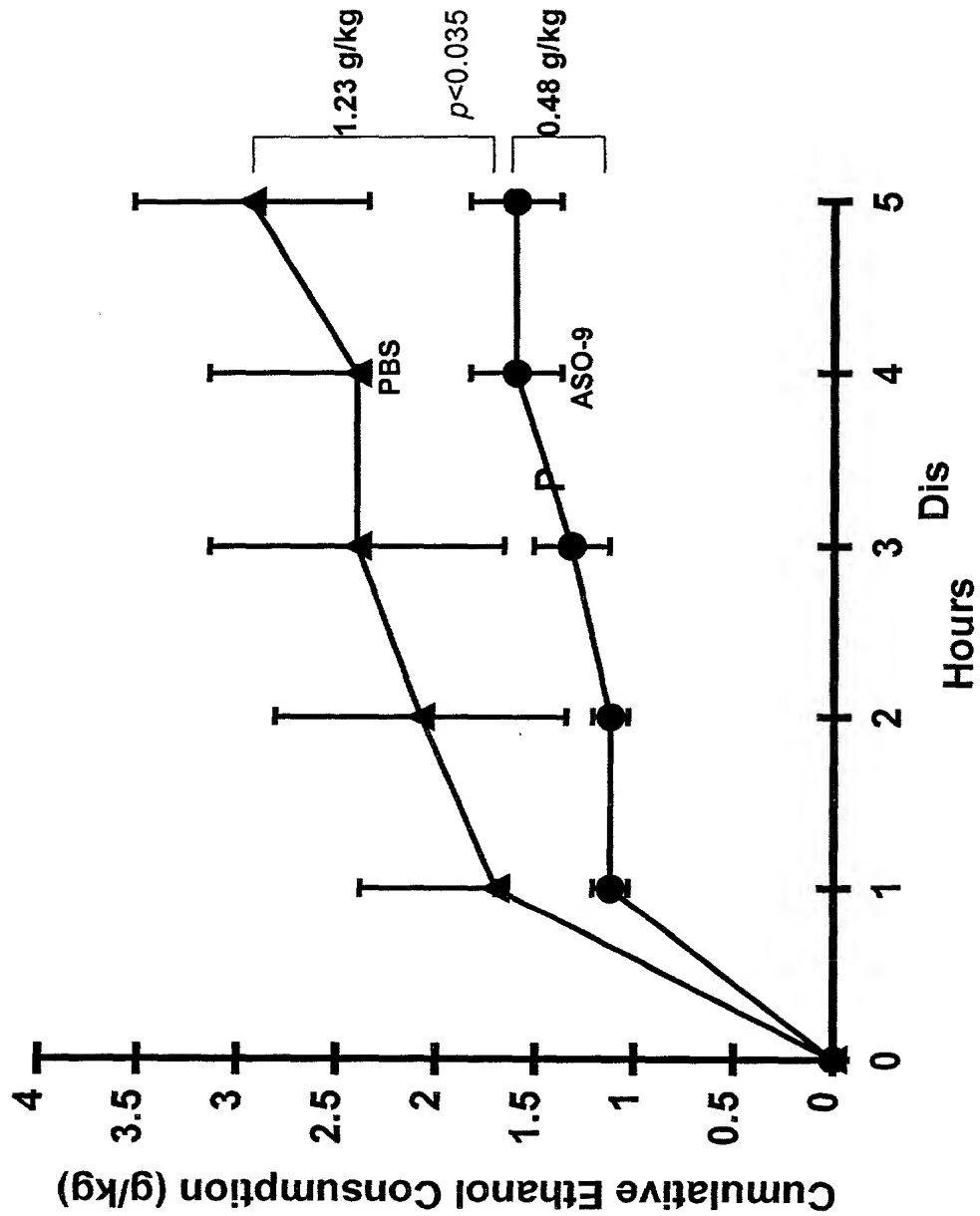


FIGURE 6



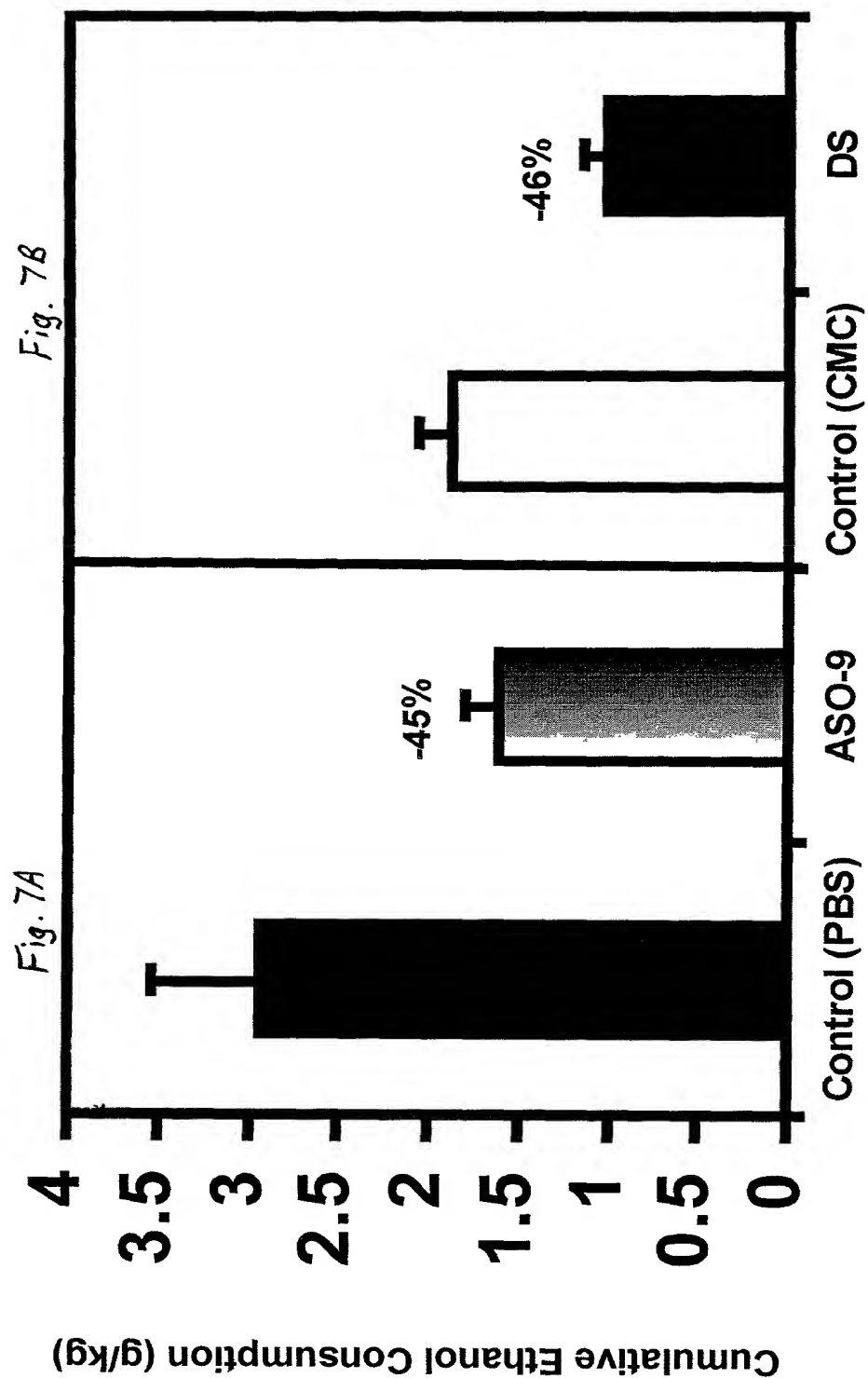


Fig. 8A

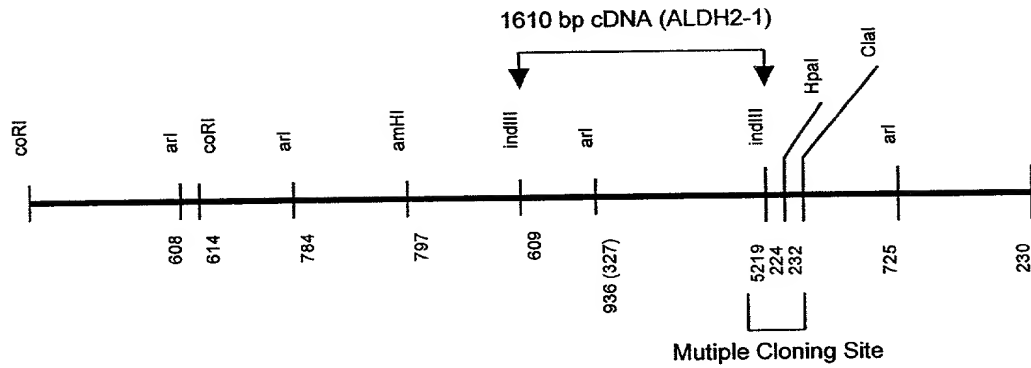
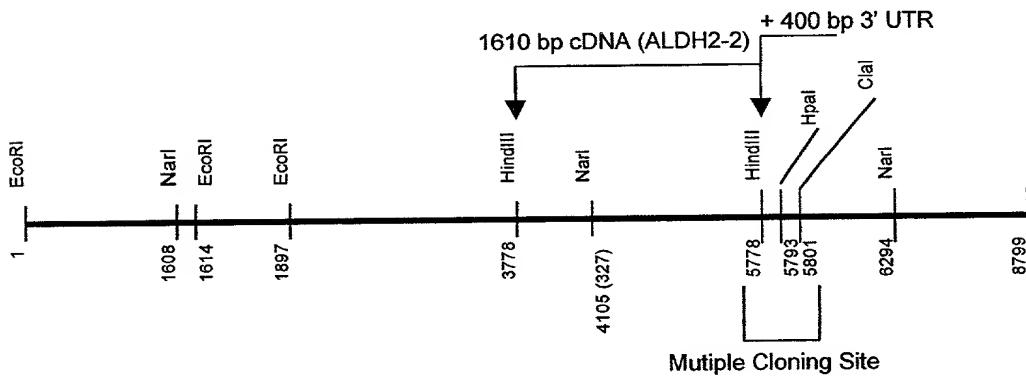


Fig. 8B



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FIGURE 9

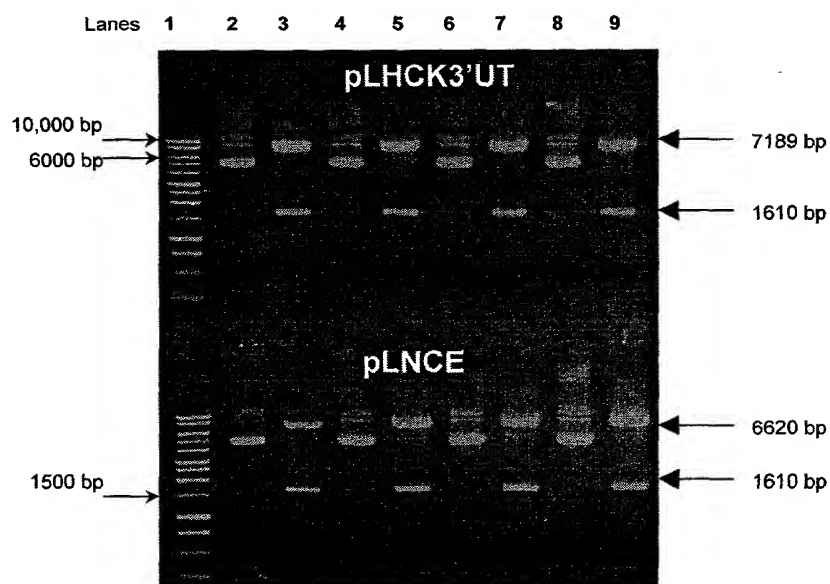
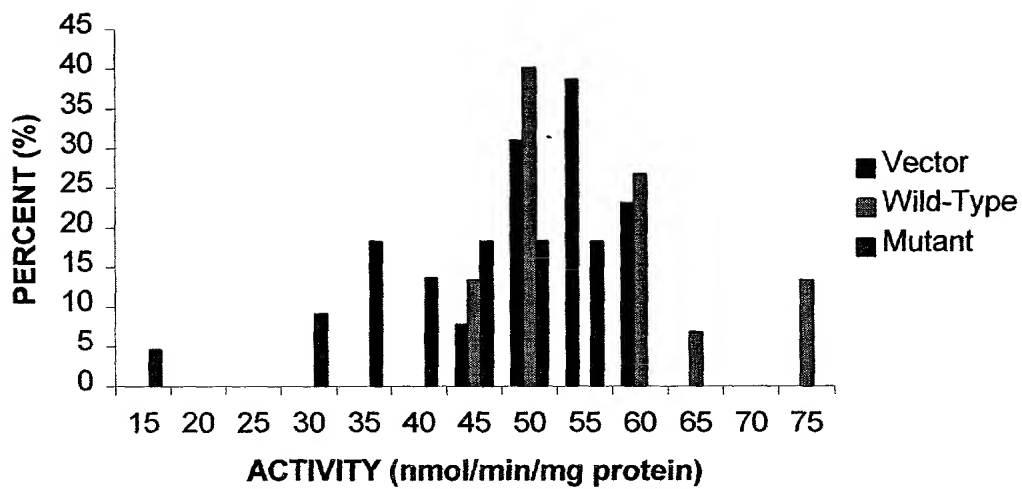


FIGURE 10^{12/14}

H4-II-E-C3 TRANSDUCTION



GCTTTATCTG CTAAGCTCCG CTCAGTTCAG CATGCTGCGC GCCGCACTCA
GCACCGCCCC CCGTGGGCCA CGCCTGAGCC GCCTGCTGTC CGCCGCCGCC
ACCAGCGCGG TGCCAGCCCC CAACCAGCAG CCCGAGGTCT TCTGCAACCA
GATCTTCATT AACAATGAGT GGCATGATGC TGTCAGCAAG AAAACATTCC
CCACCGTCAA CCCTTCCACG GGGGAGGTCA TCTGCCAGGT AGCCGAAGGG
AACAAGGAGG ACGTAGACAA GGCAGTGAAG GCCGCTCAGG CAGCCTTCCA
GCTGGGCTCG CCCTGGCGCC GCATGGATGC ATCTGACAGG GGCCGGCTGT
TGTACCGATT GGCTGATCTC ATCGAACGGG ACCGGACCTA CCTGGCGGCC
TTGGAGACCC TGGACAACGG CAAGCCTTAT GTCATCTCCT ACCTGGTGGA
TTTGGACATG GTTCTGAAAT GTCTCCGCTA TTATGCTGGC TGGGCTGACA
AGTACCACGG GAAAACCATT CCCATCGATG GCGACTTCTT CAGCTACACC
CGCCACGAGC CTGTGGGCGT GTGTGGACAG ATCATTCCGT GGAACCTCCC
GCTCCTGATG CAAGCCTGGA AGCTGGGCCC TGCCTTGGCA ACTGGAAACG
TGGTGGTGAT GAAAGTGGCC GAGCAGACAC CGCTCACTGC ACTCTACGTG
GCCAACTTGA TCAAGGAGGC AGGCTTCCCC CCTGGTGTGG TCAATATTGT
TCCTGGATTC GGCCCTACCG CCGGGGCTGC CATCGCGTCC CACGAGGATG
TGGACAAAGT GGCCTTCACA GGTTCCACTG AGGTGTTGTC CCTAATCCAG
GTTGCCGCCG GGAGCAGCAA TCTCAAGAGA GTAACCCTGG AACTGGGGGG
AAAGAGCCCC AATATCATCA TGTCAGACGC TGACATGGAC TGGGCTGTGG
AACAGGCCCA CTTTGCCCTG TTCTTCAACC AGGGCCAGTG CTGTTGTGCG
GGCTCCCGGA CCTTCGTGCA GGAGGATGTG TATGATGAAT TCGTGGAACG
CAGTGTGGCC CGGGCCAAGT CTCGGGTGGT CGGGAACCCT TTCGACAGCC
GGACGGAGCA GGGGCCGCAG GTGGATGAGA CTCAGTTTAA GAAGATCCTG
GGCTATATCA AGTCAGGACA ACAAGAAGGG GCGAAGCTGC TGTGCGGTGG
GGGCGCCGCC GCAGACCGTG GTTACTTCAT CCAGCCCACC GTGTTCCGGAG
ACGTCAAAGA TGGCATGACC ATCGCCAAGG AGGAGATCTT CGGACCAGTG
ATGCAGATCC TCAAATTCAA GACCATTGAG GAGGTTGTGG GGCGAGCCAA
TAATTCCAAG TACGGGCTGG CTGCCGCTGT CTTCACAAAG GACCTGGACA
AGGCCAATTA CCTGTCCCAA GCTCTGCAGG CTGGGACTGT GTGGATCAAC
TGCTACGATG TGTTTGGGGC CCAGTCCCCA TTTGGTGGCT ATAAGATGTC
GGGGAGCGGC AGGGAGCTGG GCGAGTATGG CCTGCAGGCC TACACGGAAG
TGAAGACGGT CACCGTCAAA GTGCCACAGA AGAACTCGTA AAGTGGCGTG
CAGGCTTCCT CAGCCAGCGC CCAAAAACCC AACAAGATCC TGAGAAAAGC
CACCACCAAG CACACTGCGC CTGCCAAGAG AAAACCCCTT CACCAAAGCG
TCTTGGGCCA AGAAAGTCAG GATTTGATAA ACAGGGCAGG GTTGGTGGGC
GGTGTGTGGG GAGCATCCCA GTAAACTGGG GAAGGGAGGA GCTCTGTGCA
GACTACCACG CGCACGCACA CACGCTCACT GGGTCCTTCT GTGCTGGATG
CTGGTTCCAC CCTCAGTGCT TAAACAAATG AGCAATAAA

Fig. 11

GCTCTCGGTC CGCTCGCTGT CCGCTAGCCC GCTGCGATGT TGC GCGCTGC
CGCCGCTCGG GCCCGCCTG GCCGCCGCT CTTGTCAGCC GCCGCCACCC
AGGCCGTGCC TGCCCCAAC CAGCAGCCCG AGGTCTTCTG CAACCAGATT
TTCATAAACA ATGAATGGCA CGATGCCGTC AGCAGGAAAA CATTCCCCAC
CGTCAATCCG TCCACTGGAG AGGTCATCTG TCAGGTAGCT GAAGGGGACA
AGGAAGATGT GGACAAGGCA CGTGAAGGCC GCCCGGGCGC CTTCCAGCTG
GGCTCACCTT GGCGCCGCAT GGACGCATCA CACAGCGGCC GGCTGCTGAA
CCGCCTGGCC GATCTGATCG AGCGGGACCG GACCTACCTG GCGGCCTTGG
AGACCCTGGA CAATGGCAAG CCCTATGTCA TCTCCTACCT GGTGGATTTG
GACATGGTCC TCAAATGTCT CCGGTATTAT GCCGGCTGGG CTGATAAGTA
CCACGGGAAA ACCATCCCCA TTGACGGAGA CTTCTTCAGC TACACACGCC
ATGAACCTGT GGGGGTGTGC GGGCAGATCA TTCCGTGGAA TTTCCCGCTC
CTGATGCAAG CATGGAAGCT GGGCCCAGCC TTGGCAACTG GAAACGTGGT
TGTGATGAAG GTAGCTGAGC AGACACCCCT CACCGCCCTC TATGTGGCCA
ACCTGATCAA GGAGGCTGGC TTTCCCCCTG GTGTGGTCAA CATTGTGCCT
GGATTTGGCC CCACGGCTGG GGCCGCCATT GCCTCCCATG AGGATGTGGA
CAAAGTGGCA TTCACAGGCT CCACTGAGAT TGGCCGCGTA ATCCAGGTTG
CTGCTGGGAG CAGCAACCTC AAGAGAGTGA CCTTGAGCT GGGGGGGAAG
AGCCCCAACA TCATCATGTC AGATGCCGAT ATGGATTGGG CCGTGGAACA
GGCCCACTTC GCCCTGTTCT TCAACCAGGG CCAGTGCTGC TGTGCCGGCT
CCCGGACCTT CGTGCAGGAG GACATCTATG ATGAGTTTGT GGTGCGGAGC
GTTGCCCCGG CCAAGTCTCG GGTGGTCGGG AACCCTTTG ATAGCAAGAC
CGAGCAGGGG CCGCAGGTGG ATGAAACTCA GTTTAAGAAG ATCCTCGGCT
ACATCAACAC GGGGAAGCAA GAGGGGGCGA AGCTGCTGTG TGGTGGGGGC
ATTGCTGCTG ACCGTGGTTA CTTCATCCAG CCCACTGTGT TTGGAGATGT
GCAGGATGGC ATGACCATCG CCAAGGAGGA GATCTTCGGG CCAGTGATGC
AGATCCTGAA GTTCAAGACC ATAGAGGAGG TTGTTGGGAG AGCCAACAAT
TCCACGTACG GGCTGGCCGC AGCTGTCTTC ACAAAGGATT TGGACAAGGC
CAATTACCTG TCCCAGGCCC TCCAGGCGGG CACTGTGTGG GTCAACTGCT
ATGATGTGTT TGGAGCCCAG TCACCCTTTG GTGGCTACAA GATGTCGGGG
AGTGGCCGGG AGTTGGGCGA GTACGGGCTG CAGGCATACA CTGAAGTGAA
AACTGTCACA GTCAAAGTGC CTCAGAAGAA CTCATAAGAA TCATGCAAGC
TTCCTCCCTC AGCCATTGAT GGAAAGTTCA GCAAGATCAG CAACAAAACC
AAGAAAAATG ATCCTTGCGT GCTGAATATC TGAAAAGAGA AATTTTTCCT
ACAAAATCTC TTGGGTCAAG AAAGTTCTAG AATTTGAATT GATAAACATG
GTGGGTTGGC TGAGGGTAAG AGTATATGAG GAACCTTTTA AACGACAACA
ATACTGCTAG CTTTCAGGAT GATTTTAA AAATAGATTC AAATGTGTTA
TCCTCTCTCT GAAACGCTTC CTATAACTCG AGTTTATAGG GGAAGAAAAA
GCTATTGTTT ACAATTATAT CACCATTAAG GCAACTGCTA CACCCTGCTT
TGTATTCTGG GCTAAGATTC ATTAAAACT AGCTGCTCT

Fig. 12